

#### **Features**

- Expands to add POTS lines, DSL or both
- Manufactured from high-impact resistant, ultraviolet-desensitized, flame retardant, **UL** Recognized plastic
- Optional sealed switching jacks with **Insulation Displacement Connectors** (IDCs)
- Subscriber lockable with Telco override
- Convenient ground attachment
- (VL) Listed per UL 497 (File: E53117)

## 7090 Series – Network Interface Device

Bourns® 7090 NID provides a secure and weather resistant enclosure for Telco service for residential or commercial installations. The 7090 supplies station protection and test access points and can be configured for a maximum of six POTS lines or three lines with DSL. The 7090 features plenty of working space for wire management.

#### **How To Order** 7090 - 0X - X X - XX - XX **Model Number Designator -Number of Twisted Pairs** 1 = One3 = Three 5 = Five2 = Two4 = Four6 = Six**Station Protector Options** D1 = 455HS-MSP (2377-45-HS) Voice / DSL / Data (UL, cUL) Z1 = 455HS-BC\* (2377-45-BC) Balance-Sensitive DSL (UL, cUL) E<sup>2</sup> = 155HS-MSP (2378-35-HS) Voice / DSL / Data (UL, cUL) Y<sup>2</sup> = 155HS-BC\* (2378-35-BC) Balance-Sensitive DSL (UL, cUL) B = 125EW (2374-01) Dual Gas Tube (UL, cUL, Telcordia) C = 125EW-R (2375-01) Dual Gas Tube (UL, cUL, RUS) L = 356M (2377-01) Balanced Gas Tube (UL, cUL, RUS) M = J130S (2380-27-01) Solid State Protector (UL, cUL) T = Tii355MO = No Station Protectors (Not available with DSL Configurations) \*For DSL systems requiring capacitive balance within 1 pF. Note 1 = Digi.Guard - 356 size, RUS Maximum Duty Note 2 = Digi.Guard II - 125 size, RUS Heavy Duty Special Options G = Security Screw in Telco Cover Security Screw in security plate Sealed Switching Jack w/IDC (85122-T-IDC) S =F Sealed Switching Jack 4-Post (85122-T4) Expansion Bridge w/Binding Posts (85122-B) Expansion Bridge w/IDC (85122-IDC) No options (standard 85122 jack) DSL Options† P1 = (1) 3610A2 DSL 2+ POTS Splitter A1 = (1) 3610A ADSL POTS Splitter V1 = (1) 3630A VDSL POTS Splitter A2 = (2) 3610A ADSL POTS Splitters P2 = (2) 3610A2 DSL 2+ POTS Splitters V2 = (2) 3630A VDSL POTS Splitters A3 = (3) 3610A ADSL POTS Splitters P3 = (3) 3610A2 DSL 2+ POTS Splitters V3 = (3) 3630A VDSL POTS Splitters † DSL Configuration Note: The 3610A, 3610A2 and 3630A must be ordered with options D, Z, E or Y Station Protectors. 7090 NIDs ordered with DSL units will include Special Option F (4-post sealed switching jacks). Example: 7090-01-EF-A1 **DSL Equalization Option**

R1 = (1) 3660 Equalization Module

#### To add lines, use station protector +

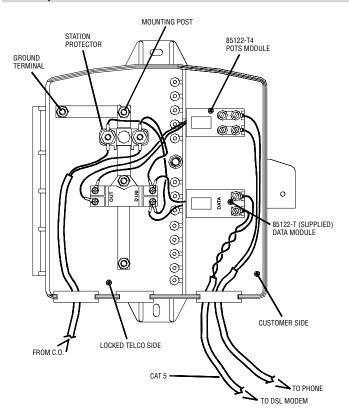
Standard Jack (Not available with DSL configurations) 85122

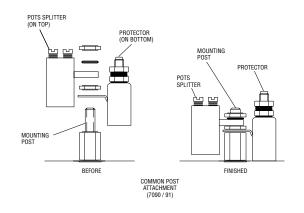
85122-T4 Sealed Switching Jack, 4-post 85122-T-IDC Sealed Switching Jack w/IDC

# 7090 Series - Network Interface Device

### **BOURNS**®

#### **POTS Splitter Installation**





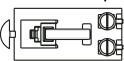
#### **Product Dimensions**

| High  | Wide  | Deep  |
|-------|-------|-------|
| 229   | 216   | 69    |
| (9.0) | (8.5) | (2.7) |

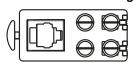
DIMENSIONS:  $\frac{MM}{(INCHES)}$ 

#### **RJ11 Subscriber Bridges**

### 85122 Standard Loop

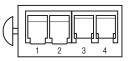


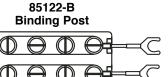
#### 85122-T4\* Internal Switch - 4 Lugs



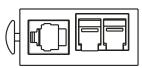
#### **Expansion Bridges**

85122-IDC Insulation Displacement Connectors





### 85122-T-IDC\* Sealed Switch Jack w/IDC



<sup>\*</sup>Includes environmental sealant and closed-cell foam gasket.